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Complete if Known Substitute for form 1449A/PTO NFORMATION DISCLOSURE Application Number 10/562.909 December 30, 2005 Filing Date STATEMENT BY APPLICANT Christian LORENZ et al. First Named Inventor Art Unit (Use as many sheets as necessary) Examiner Name Galen H. Hauth of 4 Attorney Docket Number R.305545 Sheet 1

	U.S. PATENT DOCUMENTS								
- 9		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where				
Examiner Initials	Cite No.1	Number-Kind Code 2 (# Incom)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear				
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	FOREIGN PATENT DOCUMENTS									
Examiner	Cite	Foreign Patent Document		Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant	Т			
Initials	No.1	Country Code 3 Number ⁴	Kind Code 5 (if known)	MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T8			
/G.H.	/	JP 2-305930		12-19-1990	Tokushichi Chigusa					
/G.H.	-	JP 5-141540		06-08-1993	Karurutsuson Yan et al.					
/G H		JP 5-292593		11-05-1993	Toshihide Inoue					
/G H		JP 7-242286		09-19-1995	Masami Akiyama et al.					
/G.H./		JP 10-205359		08-04-1998	Hikari Ilo et al.					

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			SCLOSURE	Filing Date	December 30, 2005		
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				Art Unit	1791		
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Sheet	2	of	4	Attorney Docket Number	R.305545		

	U.S. PATENT DOCUMENTS							
Examiner Cite Document Number			Publication Date	Name of Patentee or	Pages, Columns, Lines, Where			
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Initials'	No.1	Country Code 3 Number4	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	Τ¢				
/G.H.		JP 10-252507		09-22-1998	Tome Ogawa et al.						
/G.H.		JP 10-266873		10-06-1998	Akira Umiuchi et aL.						
/G.H.,		JP 11-226985		08-24-1999	Kazuya Noda et al.						
/G.H./		JP 11-294203		10-26-1999	Yasuhiro Numao et al.						
/G.H./		JP 52-109556		09-13-1977	Yoshie Kodera						

Examiner Signature	/Galen Hauth/	Date Considered	02/14/2009	\supset

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				Art Unit	1791			
(Use as many sheets as necessary)				Examiner Name	Galen H. Hauth			
Sheet	3	of	4	Attorney Docket Number	R.305545			

			U.S. PAT	ENT DOCUMENTS	
Examiner Initials	Cite No.1	Document Number Number-Kind Code 201 Income)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	FOREIGN PATENT DOCUMENTS									
Examiner Cite		Foreign Patent Document	Publication Date	Name of Patentee or	Peges, Columns, Lines, Where Relevant	П				
initials*	No.1	Country Code 3 Number Kind Code (if known)		Applicant of Cited Document	Passages or Relevant Figures Appear	тв				
/G.H.		JP 57-70627	05-01-1982	Yoshiaki Sano						
/G.H.		JP 61-118458	06-05-1986	Maaron Roido et al.						
/G.H.		JP 61-121913	06-09-1986	Yoshiaki Sano						
/G.H./		JP 2000-20866	01-21-2000	Megumi Otani et al.						
/G.H./		JP 2000-204974	07-25-2000	Masao Nakajima et al.						

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				Art Unit	1791		
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Sheet	4	of	4	Attorney Docket Number	R.305545		

U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
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FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cite No.1	Foreign Patent Document		Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant				
		Country Code 3 Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	⊤¢			
/G.H./		JP 2001-74156		01-23-2001	Yasuhiro Numeo et el.					
/G.H./		JP 2003-1700		01-08-2003	Hideyoshi Oba et al.					
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